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**Ground**

**Digital Pin**

**Analog Pin**

**Other Pin**

**Microcontroller’s Port**

**Default**

**Power**

**LED**

**Internal Pin**

**SWD Pin**

---

**VIN** 6-20 V input to the board.

**MAXIMUM** current per I/O pin is 20mA

**MAXIMUM** current per +3.3V pin is 50mA

---

**SWD Pin**

**Digital Pin**

**Analog Pin**

**Other Pin**

**Microcontroller’s Port**

**Default**
VIN 6-20 V input to the board.

MAXIMUM current per I/O pin is 20mA

MAXIMUM current per +3.3V pin is 50mA
Vin
6–20 V input to the board.

Max Currents:
- Max current per I/O pin is 20mA
- Max current per +3.3V pin is 50mA

Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller’s Port
- Default
- Analog
- Communication
- Timer
- Interrupt
- Sercom
Making a short circuit using the solder jumper allows only the function in the SJ Pin cells.

Cut the solder jumper to disable auto-reset.

Reset
Reset EN

**Digital Pin**

**Analog Pin**

**Other Pin**

**Microcontroller’s Port**

**Default**

**ATMEGA16U2**

PB4
PB6
PB5
PB7

1
2
3
4

JP2

**MAXIMUM current per I/O pin is 20mA**

**MAXIMUM current per +3.3V pin is 50mA**

**VIN** 6-20 V input to the board.

Cut the solder jumper to disable auto-reset.

RESET
RESET EN

**Ground**

**Power**

**LED**

**Internal Pin**

**SWD Pin**

7-21 V